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GROUP ART UNIT: 1648
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C.CV-N (101 AA)
- Rich pp 120

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In re Application of: Boyd

Application No. 09/427,873

Filed: October 27, 1999

For: METHODS OF USING CYANOVIRINS TO INHIBIT VIRAL INFECTION

GROUP ART UNIT: 1648

EXAMINER: PARKIN, J.

MESSAGE:

APPLICANT'S REPRESENTATIVES, CAROL LARCHER AND HEATHER KISSLING, REQUEST A TELEPHONIC INTERVIEW ON THURSDAY (OCTOBER 17) AT 4 PM (EASTERN). PLEASE CALL TO CONFIRM THAT THIS TIME IS CONVENIENT FOR YOU TO DISCUSS THE ISSUES IN THE OUTSTANDING OFFICE ACTION AND THE PROPOSED CLAIM AMENDMENTS. THANK YOU.

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DRAFT AMENDMENT FOR DISCUSSION PURPOSES ONLY
NOT FOR INCLUSION IN FILE

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Application No. 09/427,873

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For: METHOD OF USING CYANOVIRINS TO INHIBIT VIRAL INFECTION

Attorney Docket No. 175912

Examiner: Parkin, J.

Art Unit: 1648

Applicants' representatives hereby request a telephonic interview on Thursday, October 17, at 4 PM (EST) to discuss the issues set forth in the outstanding Office Action and the claim amendments proposed below.

PROPOSED AMENDMENT

*Does the address
therapeutic use*

20. (Twice Amended) A method of inhibiting [therapeutically or prophylactically a viral infection of] binding of an enveloped virus to a cell in a host, which method comprises administering to the host an antiviral effective amount of an isolated and purified antiviral agent selected from the group consisting of an antiviral protein, an antiviral peptide, an antiviral protein conjugate, and an antiviral peptide conjugate, wherein said antiviral protein or antiviral peptide has an amino acid sequence of SEQ ID NO: 2 or [a mutant] an antiviral fragment thereof comprising at least nine contiguous amino acids of SEQ ID NO: 2 whereupon administration of said antiviral effective amount of said antiviral agent, [said viral infection of said host] binding of the enveloped virus to the cell is inhibited.

*→ (where dr p14, 115
single, double
+ long mutation
all shifted*

28. (New) The method of claim 20, wherein the antiviral protein conjugate or the antiviral peptide conjugate comprises (i) an amino acid sequence of SEQ ID NO: 2 or an antiviral fragment thereof comprising at least nine contiguous amino acids of SEQ ID NO: 2, and (ii) a virus.

29. (New) The method of claim 28, wherein the virus is a retrovirus.

30. (New) The method of claim 29, wherein the retrovirus is an immunodeficiency virus.

31. (New) The method of claim 30, wherein the immunodeficiency virus is HIV-1 or HIV-2.

CV-N : WID -
HIV -
Ebola -

CV-N = CWD -

]- INTERPRETED ALL 3, BOUND TO VIRAL GP